

Montgomery County Public Schools Lead in Drinking Water Testing Report

**Paint Branch High School
14121 Old Columbia Pike
Burtonsville, MD 20866**

Report Date: June 12th, 2024

LEAD IN DRINKING WATER SAMPLE RESULTS SUMMARY

All Maryland public and nonpublic schools are required to sample all drinking water outlets for the presence of lead pursuant to the Code of Maryland Regulations (COMAR). Montgomery County Public Schools (MCPS) is required to remediate outlets where lead in drinking water concentrations exceed the State Action Level (AL) of 5 parts per billion (ppb). A summary of the lead in water initial samples collected by Inspection Experts Inc. is presented in the table below.

| | |
|---------------------------|-----------|
| Sampling Date | 4/30/2024 |
| # of Outlets Tested | 60 |
| # of Outlets \geq 5 ppb | 0 |

NEXT STEPS

If an initial sample exceeds the AL (5 ppb), the outlet will be shut-down within 24 hours, a follow-up sample collected, and a remedial plan of action developed for this outlet. No additional sampling or remedial actions are required for schools where all initial samples are below the AL.

HEALTH EFFECTS OF LEAD

Lead can cause serious health problems if too much enters your body from drinking water or other sources. It can cause damage to the brain and kidneys, and can interfere with the production of red blood cells that carry oxygen to all parts of your body. The greatest risk of lead exposure is to infants, young children, and pregnant women. Lead is stored in the bones and it can be released later in life. During pregnancy, the fetus receives lead from the mother's bones, which may affect brain development. Scientists have linked the effects of lead on the brain with lowered IQ in children. Adults with kidney problems and high blood pressure can be affected by low levels of lead more than healthy adults.

SOURCES OF HUMAN EXPOSURE TO LEAD

There are many different sources of human exposure to lead. These include: lead-based paint, lead-contaminated dust or soil, some plumbing materials, certain types of pottery, pewter, brass outlets, food, cosmetics, exposure in the work place and from certain hobbies. According to the Environmental Protection Agency (EPA), 10 to 20 percent of a person's potential exposure to lead may come from drinking water, while for an infant consuming formula mixed with lead-containing water this may increase to 40 to 60 percent.

TO REDUCE EXPOSURE TO LEAD IN DRINKING WATER:

1. Run your water to flush out lead: If water hasn't been used for several hours, run water for 15 to 30 seconds or until it becomes cold or reaches a steady temperature before using it for drinking or cooking.
2. Use cold water for cooking and preparing baby formula: Lead from the plumbing dissolves more easily into hot water.

**Please note that boiling the water will not reduce lead levels.*

ADDITIONAL INFORMATION

1. For additional information, please contact Brian Mullikin, Environmental Team Leader, at 240.740.2324 or brian_a_mullikin@mcpsmd.org.
2. For additional information on reducing lead exposure around your home/building and the health effects of lead, visit EPA's website at www.epa.gov/lead.
3. If you are concerned about exposure; contact your local health department or healthcare provider to find out how you can get your child tested for lead.

Please refer to the attachment(s) for additional water sampling information.

Attachment(s) A – Lead in Water Sample Results Table

ATTACHMENT A

Lead in Water Sample Results Table

Sampling Results for Paint Branch HS

| Outlet Barcode | Outlet Location | Outlet Type | Initial Results (ppb) | Pass/Fail | Status |
|----------------|-----------------------------|--|-----------------------|-----------|------------------|
| LW02156 | In kitchen 1215 | Faucet, Cold | <2.0 | Pass | Testing Complete |
| LW02157 | In kitchen 1215 | Faucet, Cold | <2.0 | Pass | Testing Complete |
| LW07555 | In concession 1005 | Ice Machine | <2.0 | Pass | Testing Complete |
| LW10740 | In hallway adjacent to 1003 | Bottle Refill Dispenser/Water Refill Station | <2.0 | Pass | Testing Complete |
| LW10741 | In hallway adjacent to 1021 | Bottle Refill Dispenser/Water Refill Station | <2.0 | Pass | Testing Complete |
| LW10742 | In hallway adjacent to 2020 | Bottle Refill Dispenser/Water Refill Station | <2.0 | Pass | Testing Complete |
| LW10743 | In hallway adjacent to 3016 | Bottle Refill Dispenser/Water Refill Station | <2.0 | Pass | Testing Complete |
| LW13056 | In Hallway Adjacent 1140 | Bottle Refill Dispenser/Water Refill Station | <2.0 | Pass | Testing Complete |
| M31173 | In break room 1222 | Faucet, Cold | <2.0 | Pass | Testing Complete |
| M31175 | In kitchen 1215 | Faucet, Cold | <2.0 | Pass | Testing Complete |
| M31176 | In kitchen 1215 | Faucet, Cold | <2.0 | Pass | Testing Complete |

| Outlet Barcode | Outlet Location | Outlet Type | Initial Results (ppb) | Pass/Fail | Status |
|-----------------------|------------------------|--------------------|------------------------------|------------------|------------------|
| M31177 | In kitchen 1215 | Faucet, Cold | <2.0 | Pass | Testing Complete |
| M31178 | In kitchen 1215 | Faucet, Cold | <2.0 | Pass | Testing Complete |
| M31181 | In kitchen 1215 | Faucet, Cold | <2.0 | Pass | Testing Complete |
| M31182 | In kitchen 1215 | Faucet, Cold | <2.0 | Pass | Testing Complete |
| M31183 | In kitchen 1215 | Faucet, Cold | <2.0 | Pass | Testing Complete |
| M31184 | In kitchen 1215 | Faucet, Cold | <2.0 | Pass | Testing Complete |
| M31185 | In kitchen 1215 | Ice Machine | <2.0 | Pass | Testing Complete |
| M31189 | In kitchen 1038C | Faucet, Cold | 3.3 | Pass | Testing Complete |
| M31190 | In kitchen 1038C | Faucet, Cold | <2.0 | Pass | Testing Complete |
| M31191 | In kitchen 1038C | Faucet, Cold | <2.0 | Pass | Testing Complete |
| M31192 | In kitchen 1038C | Faucet, Cold | <2.0 | Pass | Testing Complete |
| M31193 | In kitchen 1038C | Faucet, Cold | <2.0 | Pass | Testing Complete |

| Outlet Barcode | Outlet Location | Outlet Type | Initial Results (ppb) | Pass/Fail | Status |
|-----------------------|---|--|------------------------------|------------------|------------------|
| M31194 | In kitchen 1038C | Faucet, Cold | <2.0 | Pass | Testing Complete |
| M31195 | In kitchen 1038C | Faucet, Cold | <2.0 | Pass | Testing Complete |
| M31196 | In kitchen 1038C | Faucet, Cold | <2.0 | Pass | Testing Complete |
| M31197 | In kitchen 1038C | Faucet, Cold | <2.0 | Pass | Testing Complete |
| M31198 | In kitchen 1038C | Ice Machine | <2.0 | Pass | Testing Complete |
| M31207 | In hallway adjacent to 1032 | Drinking Water Fountain - Cooler/Chiller Style | <2.0 | Pass | Testing Complete |
| M31208 | In hallway adjacent to 1032 | Drinking Water Fountain - Cooler/Chiller Style | <2.0 | Pass | Testing Complete |
| M31216 | In hallway inside the child development | Drinking Water Fountain - Cooler/Chiller Style | <2.0 | Pass | Testing Complete |
| M31223 | In health room | Faucet, Cold | <2.0 | Pass | Testing Complete |
| M31226 | In hallway adjacent to 1021 | Drinking Water Fountain - Cooler/Chiller Style | <2.0 | Pass | Testing Complete |
| M31227 | In hallway adjacent to 1021 | Drinking Water Fountain - Cooler/Chiller Style | <2.0 | Pass | Testing Complete |
| M31238 | In hallway adjacent to auditorium | Drinking Water Fountain - Cooler/Chiller Style | <2.0 | Pass | Testing Complete |

| Outlet Barcode | Outlet Location | Outlet Type | Initial Results (ppb) | Pass/Fail | Status |
|-----------------------|--------------------------------------|--|------------------------------|------------------|------------------|
| M31247 | In hallway adjacent to 1003 | Drinking Water Fountain - Cooler/Chiller Style | <2.0 | Pass | Testing Complete |
| M31248 | In hallway adjacent to 1003 | Drinking Water Fountain - Cooler/Chiller Style | <2.0 | Pass | Testing Complete |
| M31249 | In hallway adjacent to podosek hall | Drinking Water Fountain - Cooler/Chiller Style | <2.0 | Pass | Testing Complete |
| M31250 | In hallway adjacent to podosek hall | Drinking Water Fountain - Cooler/Chiller Style | <2.0 | Pass | Testing Complete |
| M31255 | In girls locker room 1605 | Drinking Water Fountain - Cooler/Chiller Style | <2.0 | Pass | Testing Complete |
| M31256 | In girls locker room 1605 | Drinking Water Fountain - Cooler/Chiller Style | <2.0 | Pass | Testing Complete |
| M31259 | In boys locker room 1609 | Drinking Water Fountain - Cooler/Chiller Style | <2.0 | Pass | Testing Complete |
| M31260 | In boys locker room 1609 | Drinking Water Fountain - Cooler/Chiller Style | <2.0 | Pass | Testing Complete |
| M31265 | In hallway adjacent to sullivan hall | Drinking Water Fountain - Cooler/Chiller Style | <2.0 | Pass | Testing Complete |
| M31266 | In hallway adjacent to sullivan hall | Drinking Water Fountain - Cooler/Chiller Style | <2.0 | Pass | Testing Complete |
| M31267 | In athletic trainer room 1102 | Ice Machine | <2.0 | Pass | Testing Complete |
| M31269 | In hallway adjacent to 1103 | Drinking Water Fountain - Cooler/Chiller Style | <2.0 | Pass | Testing Complete |

| Outlet Barcode | Outlet Location | Outlet Type | Initial Results (ppb) | Pass/Fail | Status |
|-----------------------|-----------------------------|--|------------------------------|------------------|------------------|
| M31270 | In hallway adjacent to 1103 | Drinking Water Fountain - Cooler/Chiller Style | <2.0 | Pass | Testing Complete |
| M31280 | In hallway adjacent to 1123 | Drinking Water Fountain - Cooler/Chiller Style | <2.0 | Pass | Testing Complete |
| M31281 | In hallway adjacent to 1123 | Drinking Water Fountain - Cooler/Chiller Style | <2.0 | Pass | Testing Complete |
| M31294 | In hallway adjacent to 1140 | Drinking Water Fountain - Cooler/Chiller Style | <2.0 | Pass | Testing Complete |
| M31295 | In hallway adjacent to 1140 | Drinking Water Fountain - Cooler/Chiller Style | <2.0 | Pass | Testing Complete |
| M31333 | In hallway adjacent to 2020 | Drinking Water Fountain - Cooler/Chiller Style | <2.0 | Pass | Testing Complete |
| M31334 | In hallway adjacent to 2020 | Drinking Water Fountain - Cooler/Chiller Style | <2.0 | Pass | Testing Complete |
| M31345 | In hallway adjacent to 2106 | Drinking Water Fountain - Cooler/Chiller Style | <2.0 | Pass | Testing Complete |
| M31346 | In hallway adjacent to 2106 | Drinking Water Fountain - Cooler/Chiller Style | <2.0 | Pass | Testing Complete |
| M31364 | In hallway adjacent to 3102 | Drinking Water Fountain - Cooler/Chiller Style | <2.0 | Pass | Testing Complete |
| M31365 | In hallway adjacent to 3102 | Drinking Water Fountain - Cooler/Chiller Style | <2.0 | Pass | Testing Complete |
| M31377 | In hallway adjacent to 3015 | Drinking Water Fountain - Cooler/Chiller Style | <2.0 | Pass | Testing Complete |

| Outlet Barcode | Outlet Location | Outlet Type | Initial Results (ppb) | Pass/Fail | Status |
|-----------------------|-----------------------------|--|------------------------------|------------------|------------------|
| M31378 | In hallway adjacent to 3015 | Drinking Water Fountain - Cooler/Chiller Style | <2.0 | Pass | Testing Complete |

Montgomery County Public Schools Lead in Drinking Water Testing Report

**Paint Branch High School
14121 Old Columbia Pike
Burtonsville, MD 20866**

Report Date: February 19th, 2022

LEAD IN DRINKING WATER SAMPLE RESULTS SUMMARY

All Maryland public and nonpublic schools are required to sample all drinking water outlets for the presence of lead pursuant to the Code of Maryland Regulations (COMAR). Montgomery County Public Schools (MCPS) is required to remediate outlets where lead in drinking water concentrations exceed the Montgomery County Action Level (AL) of 5 parts per billion (ppb). A summary of the lead in water initial samples collected by SaLUT are presented in the table below.

| | |
|---------------------------|------------|
| Sampling Date | 11/10/2021 |
| # of Outlets Tested | 92 |
| # of Outlets \geq 5 ppb | 3 |

NEXT STEPS

If an initial sample exceeds the AL (5 ppb), the outlet will be immediately shut-down, a follow-up sample collected, and a remedial plan of action developed for this outlet. No additional sampling or remedial actions are required for schools where all initial samples are below the AL.

HEALTH EFFECTS OF LEAD

Lead can cause serious health problems if too much enters your body from drinking water or other sources. It can cause damage to the brain and kidneys, and can interfere with the production of red blood cells that carry oxygen to all parts of your body. The greatest risk of lead exposure is to infants, young children, and pregnant women. Lead is stored in the bones and it can be released later in life. During pregnancy, the fetus receives lead from the mother's bones, which may affect brain development. Scientists have linked the effects of lead on the brain with lowered IQ in children. Adults with kidney problems and high blood pressure can be affected by low levels of lead more than healthy adults.

SOURCES OF HUMAN EXPOSURE TO LEAD

There are many different sources of human exposure to lead. These include: lead-based paint, lead-contaminated dust or soil, some plumbing materials, certain types of pottery, pewter, brass fixtures, food, cosmetics, exposure in the work place and from certain hobbies. According to the Environmental Protection Agency (EPA), 10 to 20 percent of a person's potential exposure to lead may come from drinking water, while for an infant consuming formula mixed with lead-containing water this may increase to 40 to 60 percent.

TO REDUCE EXPOSURE TO LEAD IN DRINKING WATER:

1. Run your water to flush out lead: If water hasn't been used for several hours, run water for 15 to 30 seconds or until it becomes cold or reaches a steady temperature before using it for drinking or cooking.
2. Use cold water for cooking and preparing baby formula: Lead from the plumbing dissolves more easily into hot water.

**Please note that boiling the water will not reduce lead levels.*

ADDITIONAL INFORMATION

1. For additional information, please contact Brian Mullikin, Environmental Team Leader, at 240.740.2324 or brian_a_mullikin@mcpsmd.org.
2. For additional information on reducing lead exposure around your home/building and the health effects of lead, visit EPA's website at www.epa.gov/lead.
3. If you are concerned about exposure; contact your local health department or healthcare provider to find out how you can get your child tested for lead.

Please refer to the attachment(s) for additional water sampling information.

Attachment(s) A – Lead in Water Sample Results Table

ATTACHMENT A

Lead in Water Sample Results Table

Sampling Results for Paint Branch HS

| Fixture Barcode | Fixture Location | Fixture Type | Initial Results (ppb) | Pass/Fail | Follow up Results (ppb) | Status |
|-----------------|-----------------------------|----------------------|-----------------------|-----------|-------------------------|------------------|
| LW02156 | In kitchen 1215 | Kitchen Sink | <1 | Pass | N/A | Testing Complete |
| LW02157 | In kitchen 1215 | Kitchen Sink | <1 | Pass | N/A | Testing Complete |
| LW02158 | In concession 1005 | Classroom Sink | <1 | Pass | N/A | Testing Complete |
| LW07554 | In concession 1005 | Classroom Sink | 8.7 | Fail | <1 | Testing Complete |
| LW07555 | In concession 1005 | Ice Machine | <1 | Pass | N/A | Testing Complete |
| LW10740 | In hallway adjacent to 1003 | Bottle Filler | <1 | Pass | N/A | Testing Complete |
| LW10741 | In hallway adjacent to 1021 | Bottle Filler | <1 | Pass | N/A | Testing Complete |
| LW10742 | In hallway adjacent to 2020 | Bottle Filler | <1 | Pass | N/A | Testing Complete |
| Lw10743 | In hallway adjacent to 3016 | Bottle Filler | <1 | Pass | N/A | Testing Complete |
| M31173 | In break room 1222 | Teachers Lounge Sink | <1 | Pass | N/A | Testing Complete |
| M31175 | In kitchen 1215 | Kitchen Sink | <1 | Pass | N/A | Testing Complete |
| M31176 | In kitchen 1215 | Kitchen Sink | <1 | Pass | N/A | Testing Complete |
| M31177 | In kitchen 1215 | Kitchen Sink | <1 | Pass | N/A | Testing Complete |
| M31178 | In kitchen 1215 | Kitchen Sink | <1 | Pass | N/A | Testing Complete |
| M31181 | In kitchen 1215 | Kitchen Sink | <1 | Pass | N/A | Testing Complete |
| M31182 | In kitchen 1215 | Kitchen Sink | <1 | Pass | N/A | Testing Complete |
| M31183 | In kitchen 1215 | Kitchen Sink | <1 | Pass | N/A | Testing Complete |
| M31184 | In kitchen 1215 | Kitchen Sink | <1 | Pass | N/A | Testing Complete |
| M31185 | In kitchen 1215 | Ice Machine | <1 | Pass | N/A | Testing Complete |
| M31189 | In kitchen 1038C | Kitchen Sink | <1 | Pass | N/A | Testing Complete |
| M31190 | In kitchen 1038C | Kitchen Sink | <1 | Pass | N/A | Testing Complete |
| M31191 | In kitchen 1038C | Kitchen Sink | <1 | Pass | N/A | Testing Complete |
| M31192 | In kitchen 1038C | Kitchen Sink | <1 | Pass | N/A | Testing Complete |
| M31193 | In kitchen 1038C | Kitchen Sink | <1 | Pass | N/A | Testing Complete |
| M31194 | In kitchen 1038C | Kitchen Sink | <1 | Pass | N/A | Testing Complete |
| M31195 | In kitchen 1038C | Kitchen Sink | <1 | Pass | N/A | Testing Complete |
| M31196 | In kitchen 1038C | Kitchen Sink | <1 | Pass | N/A | Testing Complete |
| M31197 | In kitchen 1038C | Kitchen Sink | <1 | Pass | N/A | Testing Complete |
| M31198 | In kitchen 1038C | Ice Machine | <1 | Pass | N/A | Testing Complete |
| M31200 | In classroom 1200 | Classroom Sink | 5.0 | Fail | <1 | Testing Complete |

| | | | | | | |
|--------|--------------------------------------|----------------------|----|------|-----|------------------|
| M31207 | In hallway adjacent to 1032 | Drinking Fountain | <1 | Pass | N/A | Testing Complete |
| M31208 | In hallway adjacent to 1032 | Drinking Fountain | <1 | Pass | N/A | Testing Complete |
| M31213 | In child development 1030 | Classroom Sink | <1 | Pass | N/A | Testing Complete |
| M31214 | In child development 1030 | Classroom Sink | <1 | Pass | N/A | Testing Complete |
| M31218 | In work room 1000N | Classroom Sink | <1 | Pass | N/A | Testing Complete |
| M31221 | In room 1000T | Teachers Lounge Sink | <1 | Pass | N/A | Testing Complete |
| M31226 | In hallway adjacent to 1021 | Drinking Fountain | <1 | Pass | N/A | Testing Complete |
| M31227 | In hallway adjacent to 1021 | Drinking Fountain | <1 | Pass | N/A | Testing Complete |
| M31237 | In hallway adjacent to auditorium | Drinking Fountain | <1 | Pass | N/A | Testing Complete |
| M31238 | In hallway adjacent to auditorium | Drinking Fountain | <1 | Pass | N/A | Testing Complete |
| M31247 | In hallway adjacent to 1003 | Drinking Fountain | <1 | Pass | N/A | Testing Complete |
| M31248 | In hallway adjacent to 1003 | Drinking Fountain | <1 | Pass | N/A | Testing Complete |
| M31249 | In hallway adjacent to podosek hall | Drinking Fountain | <1 | Pass | N/A | Testing Complete |
| M31250 | In hallway adjacent to podosek hall | Drinking Fountain | <1 | Pass | N/A | Testing Complete |
| M31255 | In girls locker room 1605 | Drinking Fountain | <1 | Pass | N/A | Testing Complete |
| M31256 | In girls locker room 1605 | Drinking Fountain | <1 | Pass | N/A | Testing Complete |
| M31259 | In boys locker room 1609 | Drinking Fountain | <1 | Pass | N/A | Testing Complete |
| M31260 | In boys locker room 1609 | Drinking Fountain | <1 | Pass | N/A | Testing Complete |
| M31265 | In hallway adjacent to sullivan hall | Drinking Fountain | <1 | Pass | N/A | Testing Complete |
| M31266 | In hallway adjacent to sullivan hall | Drinking Fountain | <1 | Pass | N/A | Testing Complete |
| M31267 | In athletic trainer room 1102 | Ice Machine | <1 | Pass | N/A | Testing Complete |
| M31268 | In athletic trainer room 1102 | Classroom Sink | <1 | Pass | N/A | Testing Complete |
| M31269 | In hallway adjacent to 1103 | Drinking Fountain | <1 | Pass | N/A | Testing Complete |
| M31270 | In hallway adjacent to 1103 | Drinking Fountain | <1 | Pass | N/A | Testing Complete |
| M31273 | In girls locker room 1114 | Classroom Sink | <1 | Pass | N/A | Testing Complete |
| M31274 | In girls locker room 1116 | Classroom Sink | <1 | Pass | N/A | Testing Complete |
| M31276 | In band 1115 | Classroom Sink | <1 | Pass | N/A | Testing Complete |
| M31277 | In choral 1117 | Classroom Sink | <1 | Pass | N/A | Testing Complete |
| M31278 | In work room 1400A | Teachers Lounge Sink | <1 | Pass | N/A | Testing Complete |
| M31280 | In hallway adjacent to 1123 | Drinking Fountain | <1 | Pass | N/A | Testing Complete |
| M31281 | In hallway adjacent to 1123 | Drinking Fountain | <1 | Pass | N/A | Testing Complete |
| M31294 | In hallway adjacent to 1140 | Drinking Fountain | <1 | Pass | N/A | Testing Complete |
| M31295 | In hallway adjacent to 1140 | Drinking Fountain | <1 | Pass | N/A | Testing Complete |

| | | | | | | |
|--------|-----------------------------|---|-----|------|-----|------------------|
| M31301 | In food science 1142 | Classroom Sink | <1 | Pass | N/A | Testing Complete |
| M31302 | In food science 1142 | Classroom Sink | <1 | Pass | N/A | Testing Complete |
| M31303 | In food science 1142 | Classroom Sink | <1 | Pass | N/A | Testing Complete |
| M31304 | In food science 1142 | Classroom Sink | <1 | Pass | N/A | Testing Complete |
| M31305 | In food science 1142 | Classroom Sink | <1 | Pass | N/A | Testing Complete |
| M31306 | In food science 1142 | Classroom Sink | <1 | Pass | N/A | Testing Complete |
| M31307 | In food science 1142 | Classroom Sink | 9.3 | Fail | <1 | Testing Complete |
| M31308 | In classroom 1319 | Classroom Combination Sink | <1 | Pass | N/A | Testing Complete |
| M31309 | In classroom 1319 | Classroom Combination Drinking Fountain | <1 | Pass | N/A | Testing Complete |
| M31310 | In work room 1324 | Teachers Lounge Sink | <1 | Pass | N/A | Testing Complete |
| M31313 | In break room 2314 | Teachers Lounge Sink | <1 | Pass | N/A | Testing Complete |
| M31316 | In work room 2324 | Teachers Lounge Sink | <1 | Pass | N/A | Testing Complete |
| M31321 | In hallway adjacent to 2122 | Drinking Fountain | <1 | Pass | N/A | Testing Complete |
| M31322 | In hallway adjacent to 2122 | Drinking Fountain | <1 | Pass | N/A | Testing Complete |
| M31328 | In work room 2201 | Teachers Lounge Sink | <1 | Pass | N/A | Testing Complete |
| M31333 | In hallway adjacent to 2020 | Drinking Fountain | <1 | Pass | N/A | Testing Complete |
| M31334 | In hallway adjacent to 2020 | Drinking Fountain | <1 | Pass | N/A | Testing Complete |
| M31339 | In work room 2011 | Teachers Lounge Sink | 1.9 | Pass | N/A | Testing Complete |
| M31345 | In hallway adjacent to 2106 | Drinking Fountain | <1 | Pass | N/A | Testing Complete |
| M31346 | In hallway adjacent to 2106 | Drinking Fountain | <1 | Pass | N/A | Testing Complete |
| M31364 | In hallway adjacent to 3102 | Drinking Fountain | <1 | Pass | N/A | Testing Complete |
| M31365 | In hallway adjacent to 3102 | Drinking Fountain | <1 | Pass | N/A | Testing Complete |
| M31370 | In work room 3221 | Teachers Lounge Sink | <1 | Pass | N/A | Testing Complete |
| M31371 | In work room 3217 | Teachers Lounge Sink | <1 | Pass | N/A | Testing Complete |
| M31372 | In work room 3205 | Teachers Lounge Sink | <1 | Pass | N/A | Testing Complete |
| M31377 | In hallway adjacent to 3015 | Drinking Fountain | <1 | Pass | N/A | Testing Complete |
| M31378 | In hallway adjacent to 3015 | Drinking Fountain | <1 | Pass | N/A | Testing Complete |
| M31384 | In break room 3006 | Teachers Lounge Sink | <1 | Pass | N/A | Testing Complete |
| M31386 | In office 3307 | Teachers Lounge Sink | <1 | Pass | N/A | Testing Complete |



MONTGOMERY COUNTY PUBLIC SCHOOLS LEAD IN DRINKING WATER TESTING 2018

Executive Summary:
Paint Branch High School
14121 Old Columbia Pike
Burtonsville, MD 20866

| | |
|-----------------------------|-----------|
| Date of Test Report: | 5/16/2018 |
| Round of Testing: | Initial |
| # of Outlets Tested: | 95 |
| # of Outlets \geq 20 ppb: | 0 |
| Low Value (ppb): | < 1.0 |
| High Value (ppb): | 13.4 |

Project Status

Initial testing complete: All results less than 20 ppb.



May 16, 2018

Mr. Brian Mullikin
Environmental Team Leader
Montgomery County Public Schools
8301 Turkey Thicket Drive
Building A, First Floor
Gaithersburg, Maryland 20879

Re: Lead in Water Testing Service

Location: Paint Branch High School
14121 Old Columbia Pike
Burtonsville, MD 20866

Dear Mr. Mullikin:

Professional Services Industries (PSI), Inc. is pleased to submit the following report to the Montgomery County Public Schools (MCPS) for completion of initial lead in water testing at Paint Branch High School, located at 14121 Old Columbia Pike, Burtonsville, MD 20866.

Scope of Services:

PSI conducted lead in water testing at Paint Branch High School in accordance with the Environmental Protection Agency (EPA) and Maryland House Bill (HB) 270. State regulation established an action level of 20 parts per billion (ppb) to evaluate lead levels in school buildings, a concentration EPA recommends that schools take action to reduce lead below this action level. Maryland requires periodic testing for the presence of lead in drinking water in occupied public and nonpublic school buildings. EPA developed the 3T's (Training, Testing, and Telling) to assist schools in reducing the lead concentrations in their drinking water. More information about 3T's can be found on the EPA website.

PSI visited the site on 4/4/18 and 4/5/18 to collect samples from 95 water outlets in accordance with current criteria described by the Maryland Department of the Environment (MDE) Draft Lead in Drinking Water—Public and Nonpublic Schools, Title 26, Subtitle 16 Lead, Chapter 07.

Samples were submitted to a laboratory for lead in water analysis using current US EPA methodology. The laboratory has been certified by the Maryland Department of the Environment to analyze drinking water for lead.

Results:

There were no results of the lead in water analysis at or above 20 parts per billion (ppb).

The lead in water sample results < 20 ppb for sample collection date 4/5/18 are shown in Attachment A.



Discussion:

Lead is a naturally occurring element that can be harmful to humans when ingested or inhaled, particularly to children under the age of six. Lead can adversely affect the development of children's brain potentially leading to detrimental alterations in intelligence and behavior. Lead has been historically used in plumbing, paint and other building materials. Lead is released into the environment from industrial sources and fuel combustion. Lead may also be found in consumer products (imported candy, medicines, toys, dishes, etc.).

Most lead leaches into drinking water from contact with plumbing components such as faucets and valves made of brass or lead-containing solder. The physical and chemical interaction that occurs between the plumbing and water directly contributes to the amount of lead that is released into the water. Although plumbing components installed prior to the 1990's could contain more lead than newer materials, the amount of lead in the drinking water cannot be predicted by the age of building. The purpose of this regulation is to establish a program to minimize the risk of exposure to lead in drinking water outlets at schools.

Simple steps like keeping your home clean and well-maintained will go a long way in preventing lead exposure. These steps include inspecting and maintaining all painted surfaces to prevent paint deterioration, using only cold water to prepare food and drinks, flushing water outlets used for drinking or food preparation, and cleaning around painted areas where friction can generate dust, such as doors, windows, and drawers. Wipe these areas with a wet sponge or rag to remove paint chips or dust, and wash children's hands, bottles, pacifiers and toys often.

Respectfully Submitted,

PROFESSIONAL SERVICE INDUSTRIES, INC.

A handwritten signature in black ink that reads "Nand Kaushik".

Nand Kaushik, P.E.
Department Manager, Environmental Services
Nand.Kaushik@psiusa.com

Attachments: A – Lead in Water Test Summary Table

ATTACHMENT A

Lead in Water Test Summary Table

Contractor: Professional Services Industries, Inc.

Certified Laboratory: Microbac Laboratories, Inc.

Sample Results for Paint Branch High School

| Barcode ID | Room Number | Location | Location Notes | Equipment Type | Result (PPB)* | Pass/Fail | Status |
|------------|-------------|------------|----------------|----------------|---------------|-----------|------------------|
| LW02156 | 1215 | Kitchen | | Faucet | <1.0 | Pass | Testing Complete |
| LW02157 | 1215 | Kitchen | | Faucet | <1.0 | Pass | Testing Complete |
| LW02158 | 1005 | Concession | | Faucet | <1.0 | Pass | Testing Complete |
| LW07554 | 1005 | Concession | | Faucet | 1.0 | Pass | Testing Complete |
| LW07555 | 1005 | Concession | | Icemaker | <1.0 | Pass | Testing Complete |
| M31173 | 1222 | Break Room | | Faucet | <1.0 | Pass | Testing Complete |
| M31175 | 1215 | Kitchen | | Faucet | <1.0 | Pass | Testing Complete |
| M31176 | 1215 | Kitchen | | Faucet | <1.0 | Pass | Testing Complete |
| M31177 | 1215 | Kitchen | | Faucet | <1.0 | Pass | Testing Complete |
| M31178 | 1215 | Kitchen | | Faucet | <1.0 | Pass | Testing Complete |
| M31181 | 1215 | Kitchen | | Faucet | <1.0 | Pass | Testing Complete |
| M31182 | 1215 | Kitchen | | Faucet | <1.0 | Pass | Testing Complete |
| M31183 | 1215 | Kitchen | | Faucet | <1.0 | Pass | Testing Complete |
| M31184 | 1215 | Kitchen | | Faucet | <1.0 | Pass | Testing Complete |
| M31185 | 1215 | Kitchen | | Icemaker | <1.0 | Pass | Testing Complete |
| M31189 | 1038C | Kitchen | | Faucet | 1.4 | Pass | Testing Complete |
| M31190 | 1038C | Kitchen | | Faucet | <1.0 | Pass | Testing Complete |
| M31191 | 1038C | Kitchen | | Faucet | <1.0 | Pass | Testing Complete |
| M31192 | 1038C | Kitchen | | Faucet | <1.0 | Pass | Testing Complete |
| M31193 | 1038C | Kitchen | | Faucet | <1.0 | Pass | Testing Complete |
| M31194 | 1038C | Kitchen | | Faucet | <1.0 | Pass | Testing Complete |
| M31195 | 1038C | Kitchen | | Faucet | <1.0 | Pass | Testing Complete |
| M31196 | 1038C | Kitchen | | Faucet | <1.0 | Pass | Testing Complete |

| Barcode ID | Room Number | Location | Location Notes | Equipment Type | Result (PPB)* | Pass/Fail | Status |
|------------|-------------|-----------------------|---|----------------|---------------|-----------|------------------|
| M31197 | 1038C | Kitchen | | Faucet | <1.0 | Pass | Testing Complete |
| M31198 | 1038C | Kitchen | | Ice Maker | <1.0 | Pass | Testing Complete |
| M31200 | 1200 | Classroom | | Faucet | <1.0 | Pass | Testing Complete |
| M31207 | | Hallway | Across from RM 1033 Panther Paw and Kitchen | Cooler | <1.0 | Pass | Testing Complete |
| M31208 | | Hallway | Across from RM 1033 Panther Paw and Kitchen | Cooler | <1.0 | Pass | Testing Complete |
| M31213 | 1030 | Child Development | | Faucet | <1.0 | Pass | Testing Complete |
| M31214 | 1030 | Child Development | | Faucet | <1.0 | Pass | Testing Complete |
| M31215 | 1030 | Child Development | | Cooler | <1.0 | Pass | Testing Complete |
| M31218 | 1000N | Work Room Admin | Inside Admin | Faucet | <1.0 | Pass | Testing Complete |
| M31223 | 1017 | Health Room | | Faucet | <1.0 | Pass | Testing Complete |
| M31226 | | Hallway | Outside of Auditorium, Next to 1021 PTA Storage | Cooler | <1.0 | Pass | Testing Complete |
| M31226 | | Hallway | Outside of Auditorium, Next to 1021 PTA Storage | Cooler | <1.0 | Pass | Testing Complete |
| M31227 | | Hallway | Outside of Auditorium, Next to 1021 PTA Storage | Cooler | <1.0 | Pass | Testing Complete |
| M31237 | | Hallway | Outside of Auditorium, Next to 1017 ISI | Cooler | <1.0 | Pass | Testing Complete |
| M31238 | | Hallway | Outside of Auditorium, Next to 1017 ISI | Cooler | <1.0 | Pass | Testing Complete |
| M31247 | | Hallway | | Cooler | <1.0 | Pass | Testing Complete |
| M31248 | | Hallway | Outside of Gym Near Concession | Cooler | <1.0 | Pass | Testing Complete |
| M31249 | | Hallway | Across from Rm 1001 AD Office | Cooler | <1.0 | Pass | Testing Complete |
| M31250 | | Hallway | Across from Rm 1001 AD Office | Cooler | <1.0 | Pass | Testing Complete |
| M31255 | 1605 | Locker Room - Women's | | Cooler | <1.0 | Pass | Testing Complete |
| M31255 | 1605 | Locker Room - Women's | | Cooler | <1.0 | Pass | Testing Complete |
| M31256 | 1605 | Locker Room - Women's | | Cooler | <1.0 | Pass | Testing Complete |
| M31259 | 1609 | Men's Dressing | | Cooler | <1.0 | Pass | Testing Complete |
| M31260 | 1609 | Men's Dressing | | Cooler | <1.0 | Pass | Testing Complete |
| M31265 | | Hallway | Next to MDR 1609 | Cooler | <1.0 | Pass | Testing Complete |

| Barcode ID | Room Number | Location | Location Notes | Equipment Type | Result (PPB)* | Pass/Fail | Status |
|------------|-------------|------------------------------|-------------------------------|----------------|---------------|-----------|------------------|
| M31266 | | Hallway | Next to MDR 1609 | Cooler | <1.0 | Pass | Testing Complete |
| M31267 | 1102 | Trainer | | Ice Maker | <1.0 | Pass | Testing Complete |
| M31268 | 1102 | Trainer | | Faucet | <1.0 | Pass | Testing Complete |
| M31269 | | Hallway | | Cooler | <1.0 | Pass | Testing Complete |
| M31270 | | Hallway | Next to RM 1003, Weight RM | Cooler | <1.0 | Pass | Testing Complete |
| M31271 | 1112 | Men's Dressing | | Faucet | 6.0 | Pass | Testing Complete |
| M31273 | 1114 | Dressing Room - Women's | Dressing | Faucet | 1.1 | Pass | Testing Complete |
| M31274 | 1116 | Women's Dressing | | Faucet | 3.2 | Pass | Testing Complete |
| M31276 | 1115 | Band | | Faucet | <1.0 | Pass | Testing Complete |
| M31277 | 1117 | Choral | | Faucet | <1.0 | Pass | Testing Complete |
| M31278 | 1400A | Work Room Counselor | Inside RM 1400, Counselor | Faucet | <1.0 | Pass | Testing Complete |
| M31280 | | Hallway | Across from CR 1123 | Cooler | <1.0 | Pass | Testing Complete |
| M31281 | | Hallway | Across from CR 1123 | Cooler | <1.0 | Pass | Testing Complete |
| M31294 | | Hallway | Across from CR 1141 | Cooler | <1.0 | Pass | Testing Complete |
| M31295 | | Hallway | Across from CR 1141 | Cooler | <1.0 | Pass | Testing Complete |
| M31301 | 1142 | Home Ec. | | Faucet | <1.0 | Pass | Testing Complete |
| M31302 | 1142 | Home Ec. | | Faucet | 1.3 | Pass | Testing Complete |
| M31303 | 1142 | Home Ec. | | Faucet | <1.0 | Pass | Testing Complete |
| M31304 | 1142 | Home Ec. | | Faucet | <1.0 | Pass | Testing Complete |
| M31305 | 1142 | Home Ec. | | Faucet | <1.0 | Pass | Testing Complete |
| M31306 | 1142 | Home Ec. | | Faucet | <1.0 | Pass | Testing Complete |
| M31307 | 1142 | Home Ec. | | Faucet | 1.6 | Pass | Testing Complete |
| M31308 | 1319 | Classroom Medical Science | | Faucet | 1.6 | Pass | Testing Complete |
| M31309 | 1319 | Medical Science | | Faucet | <1.0 | Pass | Testing Complete |
| M31310 | 1326 | Work Room | Next to 1324 | Faucet | <1.0 | Pass | Testing Complete |
| M31313 | 2314 | Break Room | | Faucet | <1.0 | Pass | Testing Complete |
| M31316 | 2324 | Work Room | | Faucet | <1.0 | Pass | Testing Complete |
| M31321 | | Hallway | Across from CR 2122 | Cooler | <1.0 | Pass | Testing Complete |

| Barcode ID | Room Number | Location | Location Notes | Equipment Type | Result (PPB)* | Pass/Fail | Status |
|------------|-------------|------------|-----------------------------|----------------|---------------|-----------|------------------|
| M31322 | | Hallway | Across from CR 2122 | Cooler | <1.0 | Pass | Testing Complete |
| M31327 | 2214 | ITSS | | Faucet | 13.4 | Pass | Testing Complete |
| M31328 | 2201 | Work Room | | Faucet | <1.0 | Pass | Testing Complete |
| M31333 | | Hallway | Next to CR 2018 | Cooler | <1.0 | Pass | Testing Complete |
| M31334 | | Hallway | Next to CR 2018 | Cooler | <1.0 | Pass | Testing Complete |
| M31339 | 2011 | Work Room | | Faucet | 1.4 | Pass | Testing Complete |
| M31340 | 2010B | Work Room | Inside IMC | Faucet | <1.0 | Pass | Testing Complete |
| M31345 | | Hallway | Near CR 2106 in Draper Hall | Cooler | 1.2 | Pass | Testing Complete |
| M31346 | | Hallway | Near CR 2106 in Draper Hall | Cooler | 1.6 | Pass | Testing Complete |
| M31364 | | Hallway | Across from CR 3107 | Cooler | <1.0 | Pass | Testing Complete |
| M31365 | | Hallway | Across from CR 3107 | Cooler | <1.0 | Pass | Testing Complete |
| M31370 | 3221 | Work Room | | Faucet | <1.0 | Pass | Testing Complete |
| M31371 | 3217 | Work Room | | Faucet | 1.0 | Pass | Testing Complete |
| M31372 | 3205 | Work Room | | Faucet | <1.0 | Pass | Testing Complete |
| M31377 | | Hallway | Across from RM 3015 | Cooler | <1.0 | Pass | Testing Complete |
| M31378 | | Hallway | Across From RM 3015 | Cooler | <1.0 | Pass | Testing Complete |
| M31384 | 3006 | Break Room | | Faucet | <1.0 | Pass | Testing Complete |
| M31386 | 3307 | Office | | Faucet | 2.0 | Pass | Testing Complete |
| M31484 | 1227 | Classroom | | Faucet | 8.6 | Pass | Testing Complete |

*ppb = parts per billion